

REMARKS

This Response is submitted in reply to the Final Office Action dated February 15, 2011. A Request for Continued Examination is submitted herewith. Claims 34-56 are pending in this Application. In this Response, Claims 34, 45-49, 55, and 56 are amended and Claims 57-59 are newly added. No new matter is added by the amendments. Favorable reconsideration is respectfully requested.

Rejections under 35 U.S.C. 102 and 35 U.S.C. 103

The Office Action rejected Claims 34-45 under 35 U.S.C. 103(a) as being unpatentable over U.S. Publication 2004/0092284 to Satoh et al. (“Satoh”) in view of U.S. Publication 2002/0107850 to Sugimoto et al. (“Sugimoto”); and Claims 46-56 under 35 U.S.C. 102(b) as being anticipated by Sugimoto. At least in view of the amendments, Applicants respectfully disagree and traverse the rejections.

Independent Claim 34 has been amended to recite, in part, “an automatic extracting system that automatically detects and extracts information broadcast on television broadcasts, a registering section that collects the information broadcast on the television broadcasts and information published on web sites and registers the information as the retrievable recognizing image data to the first database, and collects meta data corresponding to the recognizing image data registered in the first database and registers the meta data to the second database.” Independent Claims 45-49, 55, and 56 are similarly amended. The amendment is fully supported by the specification. For example, see at least paragraphs [0102]-[0107].

The Examiner relied on Satoh as a base reference to teach the claimed terminal unit. Office Action, page 2. However, the Examiner recognized that Satoh failed to teach the claimed server. Office Action, page 2. In view of this deficiency, the Examiner turned to Sugimoto to teach the claimed server. Office Action, page 2.

Sugimoto is directed to a content searching/distributing device including a database B that stores content information. Abstract. A user searches the database B using retrieval keys and the content searching/distributing device outputs retrieval results corresponding to the retrieval keys. Abstract. Par. [0046] describes how the content information is input to database B in the content searching/distributing device (apparatus A):

Here, a new content may be input in various ways, such as by transmitting from the terminal D to the input data registering section 1 via the network C, or by inputting directly in the apparatus A for retrieving and delivering the content that comprises the input data registering section 1 and so on. For example, the content such as images and sounds recorded by a cellular phone equipped with a camera, or the content such as images and sounds received by e-mail and the like may be registered on the apparatus A by transmitting from the terminal D. On the other hand, a content may be input directly via the data inputting section 2 to the apparatus A for retrieving and delivering the content when an output connector of a camera, a video camera, a PC and so on is connected directly to an input connector (not shown) of the apparatus A for retrieving and delivering the content. For such purpose, as discussed above, the data inputting section 2 comprises either one or both of the interface for inputting the content via the network C and the other interface for inputting the content directly without the network C.

While Sugimoto discloses that terminal D may be a TV set, Sugimoto is silent regarding automatically detecting and extracting information broadcast on television broadcasts, and registering this information in database B. Par. [0035]. On the other hand, Applicants claim "an automatic extracting system that automatically detects and extracts information broadcast on television broadcasts, a registering section that collects the information broadcast on the television broadcasts and information published on web sites and registers the information as the retrievable recognizing image data to the first database."

Accordingly, Applicants respectfully request the anticipation and obviousness rejections with respect to independent Claims 34, 45-49, 55, and 56, and the claims that depend thereon, be reconsidered and withdrawn.

New Claims

Applicants note that Claims 57-59 are newly added. The new claims are fully supported by the specification. For example, support can be found in the published specification for:

- i. Claim 57 in at least paragraphs [0102]-[0107];
- ii. Claim 58 in at least paragraph [0104]; and
- iii. Claim 59 in at least paragraph [0121].

Applicants respectfully submit that the subject matter as defined in the newly added claims is patentable over the cited art of record for at least the same reasons as discussed above, and for the additional patentable elements recited therein.

For example, Claim 57 clarifies that “the automatic extracting system automatically detects and extracts commercials from the television broadcasts.” The cited prior art is silent regarding extracting commercials from television broadcasts.

Claim 58 recites, in part, “the registering section collects the meta data from a different source than where the corresponding recognizing image data is collected.” This allows for additional information about the recognizing image data to be stored in the server and ultimately supplied to a user via the terminal. On the other hand, Sugimoto merely discloses extracting metadata from the content itself (e.g. colors, sounds, and coding method) or from the author who inputs the content to the database B. Par. [0047]-[0049] and [0109]. Accordingly, the information that can be provided to the user in the retrieval result is limited.

Claim 59 recites, in part, “the feature comparing section calculates a positional relationship of a plurality of feature points.” Accordingly, “even if the angle of the image photographed by the user is different from the angle of a registered image by a predetermined angle, for example 45°, the pattern recognizing engine 71A can retrieve the image according to the foregoing pattern-matching method.” Published specification, par. [0121]. The cited prior fails to disclose or suggest such a feature.

Conclusion

An earnest endeavor has been made to place this application in condition for formal allowance, and allowance is courteously solicited. If the Examiner has any questions regarding this Response, Applicants respectfully request the Examiner contact the undersigned.

The Commissioner is hereby authorized to charge deposit account 02-1818 for any fees which are due and owing.

Respectfully submitted,

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